

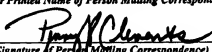


2834

AMENDMENT TRANSMITTAL LETTER (Small Entity)				Docket No. 89799.167400	
Applicant(s): Dai Gil Lee, et al.					
Serial No. 09/710,665	Filing Date November 9, 2000	Examiner G. Perez	Group Art Unit 2834		
Invention: POLYMER COMPOSITE SQUIRREL CAGE ROTOR WITH HIGH MAGNETIC PERMEABILITY FILLER FOR INDUCTION MOTOR AND METHOD OF MAKING IT					
				COPY OF PAPERS ORIGINALLY FILED	
TO THE ASSISTANT COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
<input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted. <input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	9 -	20 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	2 -	3 =	0 x	\$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 10-0223 A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
Thomas R. FitzGerald, Esq. JAECKLE FLEISCHMANN & MUGEL, LLP 39 State Street, Suite 200 Rochester, New York 14614-1310 Tel.: (585) 262-3640 Fax: (585) 262-4133			Dated: 3/5/02 <div style="border: 1px solid black; padding: 5px; width: fit-content;"> RECEIVED MAR 21 2002 TECHNOLOGY CENTER 2800 </div>		
Thomas R. FitzGerald, Esq. JAECKLE FLEISCHMANN & MUGEL, LLP 39 State Street, Suite 200 Rochester, New York 14614-1310 Tel.: (585) 262-3640 Fax: (585) 262-4133			I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. <div style="text-align: center;">  Signature of Person Mailing Correspondence </div> <div style="text-align: center;"> Penny P. Clements Typed or Printed Name of Person Mailing Correspondence </div>		
CC:					

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)			Docket No. 89799.167400	
Applicant(s): Dai Gil Lee and Seung Hwan Chang				
Serial No. 09/710,665	Filing Date November 9, 2000	Examiner G. Perez	Group Art Unit 2834	
Invention: POLYMER COMPOSITE SQUIRREL CAGE ROTOR WITH HIGH MAGNETIC PERMEABILITY FILLER FOR INDUCTION MOTOR AND METHOD OF MAKING IT				
<div style="float: left; width: 20%;">  </div> <div style="float: right; width: 60%; text-align: right;"> <p>COPY OF PAPERS ORIGINALLY FILED</p> <hr style="width: 100px; margin: 10px auto;"/> </div> <div style="clear: both;"></div> <p>I hereby certify that this <u>Amendment</u> <small>(Identify type of correspondence)</small></p> <p>is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on <u>March 5, 2002</u> <small>(Date)</small></p> <p style="text-align: right; margin-right: 100px;"> <u>Penny P. Clements</u> <small>(Typed or Printed Name of Person Mailing Correspondence)</small>  <small>(Signature of Person Mailing Correspondence)</small> </p> <div style="text-align: right; margin-top: 100px;"> <p>RECEIVED MAR 21 2002 TECHNOLOGY CENTER 2800</p> </div>				
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Docket: 4.3.02
89799.167400

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Dai Gil Lee, et al.

Serial No.: 09/710,665

Filed: November 9, 2000

For: POLYMER COMPOSITE SQUIRREL CAGE
ROTOR WITH HIGH MAGNETIC
PERMEABILITY FILLER FOR INDUCTION
MOTOR AND METHOD OF MAKING IT

Examiner:
G. Perez

Art Unit:
2834

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AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the office action mailed by the United States Patent and Trademark Office
on **December 5, 2001**, please amend the above patent application as follows:

IN THE SPECIFICATION

Page 1, line 23:

DESCRIPTION OF THE PRIOR ART

Page 1, line 27- p. 2, line 3:

The quality of machined products mainly depend on the precision of machine tool
which is equipped with built-in type spindle system that is composed of the rotor of motor and
the spindle shaft, but the heavy mass of rotor can deteriorate dynamic stability of the built-in
type spindle system because the heavy mass of rotor may cause excessive stress and
deformation. Therefore, it is important to reduce the inertial force of the rotor by reducing
mass of rotor.

Page 3, line 20 - page 4, line1: